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Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL
FORM

Application Number 09/900,779

Filing Date July 6, 2001

First Named Inventor Michael K. BRAND

Art Unit 2123

Examiner Name Ayal I. SHARON

Total Number of Pages in This Submiss	ion	Attorney Docket N	umber	12177/21101		
	ENCL	OSURES (check all tha	t apply)			
	Replacement Drawing(s)			After Allowance Communication to TC		
Fee Attached	Licensing	g-related Papers		Appeal Communication to Board of Appeals and Interferences		
Amendment	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)		
After Final		o Convert to a national Application		Proprietary Information		
Affidavits/declaration(s)		Attorney, Revocation of Correspondence Add	ress	Status Letter		
Extension of Time Request	☐ Terminal	Disclaimer		Other Enclosure(s) (please identify below):		
Express Abandonment Request	for Refund		PTO Form 1449			
Information Disclosure Statement	☐ La	ndscape Table on CD				
Certified Copy of Priority Document(s)	Remarks					
Reply to Missing Parts/ Incomplete Application	:					
Reply to Missing Parts under 37 CFR1.52 or 1.53						
SIGI	NATURE OF	APPLICANT, ATTO	RNEY, O	R AGENT		
Firm	KENYON & KE	ENYON	<i>n</i>			
Signature	~ m lm					
Printed Name	William E. Curi	ту		<i></i>		
Date	December 23, 2005 Reg. No.			43,572		
	CERTIFICA	TE OF TRANSMISS	ION/MAI	LING		
I hereby certify that this corresponder Service with sufficient postage as fire	nce is being fa	csimile transmitted to the in an envelope address	ne USPTO	or deposited with the United States Postal Commissioner for Patents, P.O. Box 1450,		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

Alexandria, VA 22313-1450 on the date shown below.

Signature

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F	EE TRANSMITTAL
	for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

180.00

	Complete if Known	
Application Number	09/900,779	
Filing Date	July 6, 2001	
First Named Inventor	Michael K. BRAND	
Examiner Name	Ayal I. SHARON	
Art Unit	2123	
Attorney Docket No.	12177/21101	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None		DITIO	NAL FE	ES		
Order Deposit Account:	Large	Entity	Small F	Entity		
Deposit Deposit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee F	Paid
Account 11-0600	1051	130	2051	65	Surcharge - late filing fee or oath	
Number	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit Account ACENIXON & KENIXON	1053	130	1053	130	Non-English specification	
Account KENYON & KENYON	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
The Director is authorized to: (check all that apply)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Charge fee(s) indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) or any underpayment of fee(s) ☐ Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
to the above-identified deposit account.	1251	120	2251	60	Extension for reply within first month	
FEE CALCULATION	1252	450	2252	225	Extension for reply within second month	
1. BASIÇ FILING FEE	1253	1,020	2253	510	Extension for reply within third month	
Large Entity Small Entity	1254	1,590	2254	795	Extension for reply within fourth month	
Fee Fee Fee Fee Description	1255	2,160	2255	1,080	Extension for reply within fifth month	
Code (\$) Code (\$) Fee Paid	1401	340	2401	170	Notice of Appeal	
1001 790 2001 395 Utility filling fee 1002 350 2002 175 Design filling fee	1402	500	2402	250	Filing a brief in support of an appeal	
1002 350 2002 175 Design filing fee 1003 550 2003 275 Plant filing fee	1403	300	2403	150	Request for oral hearing	
1004 790 2004 395 Reissue filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filling fee	1452	110	2452	55	Petition to revive – unavoidable	
,	1453	1,370	2453	685	Petition to revive – unintentional	
SUBTOTAL (1) (\$)	1501	1,370	2501	685	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1502	490	2502	245	Design issue fee	
	1503	660	2503	330	Plant issue fee	
Extra Claims Fee Fee Paid Total Claims - 20 ** = X 50 =	1460	130	1460	130	Petitions to the Commissioner	
Independent Independent	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Claims - 3 ** = X 200 =	1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
Multiple Dependent X =	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Large Entity Small Entity	1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Fee Description	1810	790	2810	395	For each additional invention to be	
1202 50 2202 25 Claims in excess of 20					examined (37 CFR § 1.129(b))	
1201 200 2201 100 Independent claims in excess of 3						
1203 360 2203 180 Multiple dependent claim, if not paid	1801	790	2801	395	Request for Continued Examination (RCE)	
1204 200 2204 100 ** Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 50 2205 25 ** Reissue claims in excess of 20 and over original patent.	Other fo	ee (speci	fy)	_		
SUBTOTAL (2) (\$)	*Redu	ced by Ba	asic Filing	g Fee P		
**or number previously paid, if greater, For Reissues, see above	<u> </u>				SUBTOTAL (3) (\$)180.0	<u> </u>

SUBMITTED BY		Complete (if applicable)				
Name (Print/Type)	William E. Curry	Registration	No. (Attorney/Agent)	43,572	Telephone	(202) 220-4200
Signature	I W M	\sim t	//W		Date	December 23, 2005
				, ·		

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re the Application of:

Michael K. BRAND et al.

Group Art Unit:

2123

Application No.:

09/900,779

Examiner:

Ayal I. SHARON

Filed:

July 6, 2001

Docket No.:

12177/21101

For:

METHOD FOR ESTIMATING CHANGES IN PRODUCT

LIFE RESULTING FROM HALT USING EXPONENTIAL

ACCELERATION MODEL

INFORMATION DISCLOSURE STATEMENT

Mail Stop - AMENDMENT Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). The paragraphs marked below are applicable. It is believed that no fees other than those indicated below are due, but authorization is hereby given to charge any additional fees due, or to credit any overpayment, to deposit account 11-0600.

 \Box This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. §1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before 12/28/2005 HALI11 00000103 110600 09900779

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the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first office action after filing of a request for continued examination. No certification or fee is required.

the m	erits, b	the U.s	Information Disclosure Statement is being filed more than three S. filing date AND after the mailing date of the first Office Action on the the mailing date of a final action, Notice of Allowance, or any electroses prosecution.
	foreign month	n pater	I hereby certify that each item of information contained in this bisclosure Statement was first cited in any communication from a t office in a counterpart foreign application not more than three to the filing of this Information Disclosure Statement. 37 CFR
	in a correason more	ounterp nable ir than th	I hereby certify that no item of information in this Information attement was cited in a communication from a foreign patent office art foreign application, and, to my knowledge after making equiry, was known to any individual designated in 37 CFR §1.56(c) tee months prior to the filing of this Information Disclosure 7 CFR §1.97(e)(2).
	the dis		Please debit Deposit Account No. <u>11-0600</u> in the amount of syment of the fee under 37 CFR §1.17(p) to ensure consideration of information. Two duplicate copies of this paper are attached. 37 (2).
oefore Disclo amou	e paymesure S nt of \$1 deration	on, Not ent of t tateme 180.00	formation Disclosure Statement is being filed after the mailing date ice of Allowance or an action that otherwise closes prosecution, but ne Issue Fee. Applicant(s) hereby request(s) that the Information nt be considered. Please debit Deposit Account No. 11-0600 in the n payment of the petition fee under 37 CFR §1.17(p) to ensure disclosed information. Two duplicate copies of this paper are
	foreigi	n paten is prior	I hereby certify that each item of information contained in this bisclosure Statement was first cited in any communication from a t office in a counterpart foreign application not more than three to the filing of this Information Disclosure Statement. 37 CFR

□ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

Respectfully submitted,

KENYON & KENYON

Registration No. 43,572

William E. Curry

Date: December 23, 2005

Kenyon & Kenyon 1500 K Street, N.W. Washington, D.C. 20005 Telephone: (202) 220-4200 Facsimile: (202) 220-4201

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 9A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

	Complete if Known	
Application Number	09/900,779	
Filing Date	July 6, 2001	
First Named Inventor	Michael K. BRAND	
Art Unit	2123	
Examiner Name	Ayal I. SHARON	
Attorney Docket Number	12177/21101	

	U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant			
Initials *	No. ¹	Number - Kind Code ² (if known)	MM-DD-YYYY		Passages or Relevant Figures Appear			
	1	US-5,030,905	07-1991	Figal, Timothy E.				
	2	US-5,391,501	02-1995	Wei, Yi-Hen				
	3	US-5,744,975	04-1998	Notohardjono et al.				
		US-						

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant				
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	Τ ⁶			

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *						

	 	 	_
Examiner Signature	 Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional), ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.